

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A moving image compression-coding system conversion device for mutually converting a coded bit stream between a transmission side moving image coding device and a receiving side moving image decoding device having different 5 moving image compression-coding systems, the moving image compression-coding system conversion device comprising:

a decoding unit for decoding a moving image signal, which is compression-coded, outputted from the transmission side moving image coding device;

a coding control unit for setting a parameter for compression-coding based on receiving decoding information outputted from the receiving side moving image decoding device; and

a coding unit for compression-coding the moving image signal decoded by the decoding unit by using the parameter for compression-coding outputted from the coding control unit, wherein

the coding unit starts operation when control information outputted from the coding control unit is inputted, performs intra-frame coding to a first frame after starting the operation, and performs inter-frame prediction coding to a subsequent frame.

2. (Canceled)

3. The moving image compression-coding system conversion device, as claimed in claim 1, further comprising

a judging unit, wherein

the judging unit starts operation when the receiving decoding information outputted from the receiving side moving image decoding device is inputted, and outputs the moving image signal decoded in the decoding unit to the coding unit.

4. (Canceled)

5. The moving image compression-coding system conversion device, as claimed in claim 1, wherein

when MPEG(Moving Picture Expert Group)-4 is used as the moving image compression-coding system, data of DCI (Decoder Configuration Information) is used as a parameter for compression-coding.

6. (Canceled)

7. (Currently amended) The moving image compression-coding system conversion device, as claimed in claim 3, wherein

when [[MPEG (Moving Picture Expert Group)-4]] MPGE-4 is used as the moving image compression-coding system, data of DCI [[(Decoder Configuration Information)]] is used as a parameter for compression-coding.

8. The moving image compression-coding system conversion device, as claimed in claim 1, wherein

when MPEG-4 is used as the moving image compression-coding system, at least one information of a plurality of parameters included in DCI such as whether Resync Marker being used, whether Data Partitioning being used, whether Reversible VLC (Variable Length Codes)

being used, a value of aspect ratio info, and a value of vop_time_increment_resolution is used as a parameter for 10 compression-coding.

9. (Canceled)

10. (Currently Amended) The moving image compression-coding system conversion device, as claimed in claim [[3]] 1, wherein

when MPEG-4 is used as the moving image compression-coding system, at least one information of a plurality of parameters included in DCI such as whether Resync Marker being used, whether Data Partitioning being used, whether Reversible VLC [[Variable Length Codes]] being used, a value of aspect_ratio_info, and a value of vop_time_increment_resolution is used as a parameter for compression-coding.

11. The moving image compression-coding system conversion device, as claimed in claim 1, wherein the receiving decoding information transmitted from the receiving side moving image decoding device is transmitted by using ITU-T (International Telecommunication Union

Telecommunication Standardization Sector) recommendation H.245 protocol.

12. (Canceled)

13.(Currently Amended) The moving image compression-coding system conversion device, as claimed in claim 3, wherein the receiving decoding information transmitted from the receiving side moving image decoding device is transmitted by using ITU-T [[International Telecommunication Union Telecommunication Standardization Sector]] recommendation H.245 protocol.

14. The moving image compression-coding system

conversion device, as claimed in claim 1, wherein the receiving decoding information transmitted from the receiving side moving image decoding device is transmitted by using SDP (Session Description Protocol) which is IETF (Internet Engineering Task Force) recommendation RFC (Request for Comments) 2327.

15. (Canceled)

16. (Currently Amended) The moving image compression-coding system conversion device, as claimed in claim 3, wherein the receiving decoding information transmitted from the receiving side moving image decoding device is transmitted by using SDP [(Session Description Protocol)] which is IETF [(Internet Engineering Task Force)] recommendation RFC [(Request for Comments)] 2327.

17. The moving image compression-coding system conversion device, as claimed in claim 1, further comprising a decoding control unit, instead of the coding control unit, wherein

the decoding control unit sets a parameter for compression-coding included in coding transmission information outputted from the transmission side moving image coding device; and

the decoding unit decodes the moving image signal, 10 compression-coded, outputted from the transmission side

coding device by using the parameter for compression-coding outputted from the decoding control unit.

18. The moving image compression-coding system conversion device, as claimed in claim 1, further

comprising a decoding control unit, in addition to the coding control unit, wherein the decoding control unit sets a parameter for compression-coding included in coding transmission information outputted from the transmission side moving image coding device; and

the decoding unit decodes the moving image signal, compression-coded, outputted from the transmission side coding device by using the parameter for compression-coding outputted from the decoding control unit.

19. (Currently Amended) The moving image compression-coding system conversion device, as claimed in claim 17, wherein

when [[MPEG (Moving Picture Expert Group)-4]] MPEG-4 is used as the moving image compression-coding system, data of DCI [(Decoder Configuration Information)] is used as a parameter for compression-coding.

20. (Currently Amended) The moving image compression-coding system conversion device, as claimed in claim 18, wherein

when [[MPEG (Moving Picture Expert Group)-4]] MPEG-4 is used as the moving image compression-coding system, data of DCI [(Decoder Configuration Information)] is used as a parameter for compression-coding.

21. (Currently Amended) The moving image compression-coding system conversion device, as claimed in claim 17, wherein

when MPEG-4 is used as the moving image compression-coding system, at least one information of a plurality of parameters included in DCI such as whether Resync Marker being used, whether Data Partitioning being used, whether

Reversible VLC [(Variable Length Codes)] being used, a value of aspect_ratio_info, and a value of vop_time_increment_resolution is used as a parameter for compression-coding.

22. (Currently Amended) The moving image compression-coding system conversion device, as claimed in claim 18, wherein

when MPEG-4 is used as the moving image compression-coding system, at least one information of a plurality of parameters included in DCI such as whether Resync Marker being used, whether Data Partitioning being used, whether Reversible VLC [(Variable Length Codes)] being used, a value of aspect_ratio_info, and a value of vop_time_increment_resolution is used as a parameter for compression-coding.

23. (Currently amended) The moving image compression-coding system conversion device, as claimed in claim 17, wherein

MPEG-4 is used as the moving image compression-coding system of the decoding unit, control information obtained from a receiving coded bit stream is compared with control information according to [[any one of claims 19, 20, 21 and 22]] the moving image compression-coding system and when there is a difference, control information according to [[any one of claims 19, 20, 21 and 22]] the moving image compression-coding system is used.

24. (Currently amended) The moving image compression-coding system conversion device, as claimed in claim 18, wherein

MPEG-4 is used as the moving image compression-coding system of the decoding unit, control information obtained from a receiving coded bit stream is compared with control information according to [[any one of claims 19, 20, 21 and 22]] the moving image compression-coding system and when there is a difference, control information according to [[any one of claims 19, 20, 21 and 22]] the moving image compression-coding system is used.

25. The moving image compression-coding system conversion device, as claimed in claim 17, wherein the parameter for compression-coding system from the transmission side moving image coding device is transmitted by using ITU-T recommendation H.245 protocol.

26. The moving image compression-coding system conversion device, as claimed in claim 18, wherein the parameter for compression-coding system from the transmission side moving image coding device is transmitted by using ITU-T recommendation H.245 protocol.

27. The moving image compression-coding system conversion device, as claimed in claim 17, wherein the parameter for compression-coding system from the transmission side moving image coding device is transmitted by using SDP which is IETF recommendation RFC2327.

28. The moving image compression-coding system conversion device, as claimed in claim 18, wherein the

parameter for compression-coding system from the transmission side moving image coding device is transmitted by using SDP which is IETF recommendation RFC2327.

29. A moving image communication system comprising:
a transmission side moving image coding device and a receiving side moving image decoding device having different moving image compression systems; and

a moving image compression-coding system conversion device according to claim 1 for mutually converting a coded bit stream between the transmission side moving image coding device and the receiving side moving image decoding device.

30. (Canceled)

31. A moving image communication system comprising:
a transmission side moving image coding device and a receiving side moving image decoding device having different moving image compression systems; and

a moving image compression-coding system conversion device according to claim 3 for mutually converting a coded bit stream between the transmission side moving image coding device and the receiving side moving image decoding device.

32. A moving image communication system comprising:
a transmission side moving image coding device and a receiving side moving image decoding device having different moving image compression systems; and a moving image compression-coding system conversion